

Listing of the Claims

- 1 1. (original) A method for providing a communication channel that
2 comprises at least one property dynamically changeable during social interactions,
3 comprising:
4 defining a communication channel comprising a set of properties that are
5 dynamically changeable to determine structure for content delivery;
6 delivering content through the communication channel between at least
7 two participants while monitoring at least one arbitrary data source;
8 modeling at least one desired qualitative property for the communication
9 channel based on the monitoring of the at least one arbitrary data source; and
10 dynamically changing the set of properties for the communication channel
11 based on the at least one desired qualitative property.
- 1 2. (original) A method according to Claim 1, further comprising:
2 altering the communication channel as a primary communication channel.
- 1 3. (original) A method according to Claim 2, wherein the content
2 delivered over the primary communication channel substantially comprises
3 elements of human language.
- 1 4. (original) A method according to Claim 1, further comprising:
2 altering the communication channel as a continuous communication
3 channel.
- 1 5. (original) A method according to Claim 1, further comprising:
2 monitoring content delivered over a primary communication channel.
- 1 6. (original) A method according to Claim 5, wherein the content
2 delivered over the primary communication channel substantially comprises
3 elements of analyzed human language.
- 1 7. (original) A method according to Claim 6, further comprising:

2 performing speech recognition to the content delivered over the primary
3 channel in determining the analyzed human language elements.

1 8. (original) A method according to Claim 5, wherein the content
2 delivered over the primary communication channel substantially comprises
3 elements of prosodic content.

1 9. (original) A method according to Claim 8, wherein the prosodic
2 content elements comprise prosodic evidence of emotional state.

1 10. (original) A method according to Claim 8, wherein the prosodic
2 content elements comprise prosodic evidence of conversational engagement.

1 11. (original) A method according to Claim 5, wherein the content
2 delivered over the primary communication channel substantially comprises
3 elements of audio content.

1 12. (original) A method according to Claim 5, wherein the content
2 delivered over the primary communication channel substantially comprises
3 elements of text.

1 13. (original) A method according to Claim 1, further comprising:
2 monitoring content delivered over a secondary communication channel.

1 14. (original) A method according to Claim 13, wherein the content
2 delivered over the secondary communication channel substantially comprises
3 elements of video content.

1 15. (original) A method according to Claim 1, further comprising:
2 monitoring content delivered over the communication channel comprising
3 conversational characteristics.

1 16. (original) A method according to Claim 15, further comprising:
2 providing temporal alignment of features identified in the conversational
3 characteristics.

- 1 17. (original) A method according to Claim 1, further comprising:
2 monitoring out-of-channel context.
- 1 18. (original) A method according to Claim 17, wherein the out-of-
2 channel context originates from contact sensors.
- 1 19. (original) A method according to Claim 17, wherein the out-of-
2 channel context originates from ambient environment sensors.
- 1 20. (original) A method according to Claim 17, wherein the out-of-
2 channel context originates from an input device.
- 1 21. (original) A method according to Claim 1, further comprising:
2 drawing an inference based on the modeling.
- 1 22. (original) A method according to Claim 21, wherein the inference
2 comprises assessing attributes of individuals.
- 1 23. (original) A method according to Claim 21, wherein the inference
2 comprises assessing attributes of environment.
- 1 24. (original) A method according to Claim 21, wherein the inference
2 comprises assessing attributes of groups.
- 1 25. (original) A method according to Claim 21, wherein the inference
2 comprises modeling goals of individuals.
- 1 26. (original) A method according to Claim 25, wherein the inference
2 further comprises modeling the goals of the individuals as a group.
- 1 27. (original) A method according to Claim 1, further comprising:
2 drawing an inference based on historical information.
- 1 28. (original) A method according to Claim 27, wherein the inference
2 is based on a history of monitored data.

1 29. (original) A method according to Claim 27, wherein the inference
2 is based on a history of modeled attributes.

1 30. (original) A method according to Claim 27, wherein the inference
2 is based on a history of channel properties.

1 31. (original) A method according to Claim 1, further comprising:
2 drawing an inference based on joint behaviors of the at least two
3 participants.

1 32. (original) A method according to Claim 31, wherein the inference
2 comprises drawing the inference on common actions.

1 33. (original) A method according to Claim 31, wherein the inference
2 comprises drawing the inference on a temporal correlation of actions.

1 34. (original) A method according to Claim 1, further comprising:
2 receiving additional manual input; and
3 dynamically changing the set of properties for the communication channel
4 further based on the additional manual input.

1 35. (original) A method according to Claim 1, further comprising:
2 altering the at least one desired qualitative property comprising at least
3 one of binary and categorical settings.

1 36. (original) A method according to Claim 1, further comprising:
2 altering the at least one desired qualitative property comprising at least
3 one additional parametric property.

1 37. (original) A method for providing a communication channel that
2 comprises at least one property dynamically changeable during social interactions,
3 comprising:

4 defining a communication channel comprising a set of properties that are
5 dynamically changeable to determine structure for content delivery and a user
6 interface associated with the communication channel;
7 delivering content through the communication channel between at least
8 two participants while monitoring the communication channel;
9 modeling at least one desired property for the communication channel; and
10 dynamically changing the user interface based on the at least one desired
11 property.

1 38. (original) A method according to Claim 37, further comprising:
2 altering the communication channel as a primary communication channel.

1 39. (original) A method according to Claim 37, further comprising:
2 altering the communication channel as a continuous communication
3 channel.

1 40. (original) A method according to Claim 37, wherein the
2 communication channel comprises at least one arbitrary data source, further
3 comprising:
4 drawing an inference based on the at least one arbitrary data source.

1 41. (original) A method according to Claim 40, further comprising:
2 monitoring content delivered over a primary communication channel.

1 42. (original) A method according to Claim 40, further comprising:
2 monitoring content delivered over a secondary communication channel.

1 43. (original) A method according to Claim 40, further comprising:
2 monitoring content delivered over the communication channel comprising
3 conversational characteristics.

1 44. (original) A method according to Claim 40, further comprising:
2 monitoring out-of-channel context.

1 45. (original) A method according to Claim 40, further comprising:

2 drawing an inference based on the modeling.

1 46. (original) A method according to Claim 40, further comprising:

2 drawing an inference based on historical information.

1 47. (original) A method according to Claim 40, further comprising:

2 drawing an inference based on joint behaviors of the at least two

3 participants.

1 48. (original) A method according to Claim 40, further comprising:

2 receiving additional manual input; and

3 dynamically changing the set of properties for the communication channel

4 further based on the additional manual input.

1 49. (original) A method according to Claim 48, wherein the additional

2 manual input comprises a main controlling input.

1 50. (original) A method according to Claim 48, wherein the additional

2 manual input comprises at least one of an override and alternative controlling

3 input.

1 51. (original) A method according to Claim 40, wherein the at least

2 one desired property comprises a qualitative property, further comprising:

3 altering the qualitative property.

1 52. (original) A method according to Claim 40, wherein the at least

2 one desired property comprises a parametric property, further comprising:

3 altering the parametric property.

1 53. (original) A method according to Claim 40, wherein the at least

2 one desired property comprises a temporal property, further comprising:

3 altering the temporal property.

1 54. (original) A method according to Claim 53, further comprising:

2 changing between at least two settings selected from the set comprising
3 simplex, half duplex and duplex.

1 55. (original) A method according to Claim 40, wherein the at least
2 one desired property comprises a user controls property, further comprising:
3 altering the user controls property.

1 56. (original) A method according to Claim 55, further comprising:
2 controlling content over the communication channel.

1 57. (original) A method for providing a communication channel that
2 comprises at least one property dynamically changeable during social interactions,
3 comprising:
4 defining a communication channel comprising a set of properties that are
5 dynamically changeable to determine structure for content delivery and a user
6 interface associated with the communication channel;
7 delivering content through the communication channel between at least
8 two participants while monitoring independent gestures perceived relative to the
9 user interface associated with the communication channel;
10 modeling at least one desired property for the communication channel
11 based on the gestures; and
12 dynamically changing the set of properties for the communication channel
13 based on the at least one desired property.

1 58. (original) A method according to Claim 57, further comprising:
2 altering the communication channel as a primary communication channel.

1 59. (original) A method according to Claim 57, further comprising:
2 altering the communication channel as a continuous communication
3 channel.

1 60. (original) A method according to Claim 57, wherein the
2 communication channel comprises at least one arbitrary data source, further
3 comprising:

4 drawing an inference based on the at least one arbitrary data source.

1 61. (original) A method according to Claim 57, further comprising:
2 receiving additional manual input; and
3 dynamically changing the set of properties for the communication channel
4 further based on the additional manual input.

1 62. (original) A method according to Claim 57, wherein the at least
2 one desired property comprises a qualitative property, further comprising:
3 altering the qualitative property.

1 63. (original) A method according to Claim 57, wherein the at least
2 one desired property comprises a parametric property, further comprising:
3 altering the parametric property.

1 64. (original) A method according to Claim 57, wherein the at least
2 one desired property comprises a temporal property, further comprising:
3 altering the temporal property.

1 65. (original) A method according to Claim 57, wherein the at least
2 one desired property comprises a user controls property, further comprising:
3 altering the user controls property.

1 66. (original) A system for providing a communication channel that
2 comprises at least one dynamically changeable property, comprising:
3 a communication channel comprising at least one property that is
4 dynamically changeable to determine structure for content delivery and to deliver
5 content through the communication channel between at least two participants;
6 a modeling component to model at least one desired property for the
7 communication channel; and
8 a switch to dynamically change the at least one property for the
9 communication channel based on the at least one desired property.

1 67. (original) A method for providing a communication channel that
2 comprises at least one dynamically changeable property, comprising:
3 defining a communication channel comprising at least one property that is
4 dynamically changeable to determine structure for content delivery;
5 delivering content through the communication channel between at least
6 two participants;
7 modeling at least one desired property for the communication channel; and
8 dynamically changing the at least one property for the communication
9 channel based on the at least one desired property.